

AGENDA (to be updated)

Defense Synchrotron Consortium at BNL: a planning workshop

Brookhaven National Laboratory, June 13-14, 2017

Tuesday, June 13th

08:00am Computer Hookup /NSLS tour information – Hamilton Seminar Room

08:30 Introductory Remarks – Anatoly Frenkel & Sean McSweeney – BNL
Hamilton Seminar Room – Chemistry Bldg. 555

Session I: Introductory talks by DTRA and BNL

08:50 Chris Karwacki (ECBC): missions, science, goals for consortium

09:05 Robert Botto (DTRA) DTRA Chemical Biological S&T Portfolios

09:35 Qun Shen (BNL) tbd

10:10 Chuck Black (CFN) tbd

10:30 Coffee Break

Session II: DTRA Science Driver

10:45 Joseph Hupp (Northwestern University) tbd

11:15 Jeremy Pietron (NRL): “Determining the nanoscale structure at Cu/TiO₃
interfaces in plasmonic Cu-TiO₂ aerogels for rational design of CWA-degrading
materials”

11:45 Jude Height (ECBS-RDECOM) tbd

12:15pm Scott Pegan (Univ. Georgia) “Using X-ray crystallography for gaining insight
into stereospecific obstacles related to nerve agent therapeutics”

12:45 Lunch

Session III: Talks by science leaders with established synchrotron programs

01:45 Anatoly Frenkel (SBU/BNL): Synchrotron Catalysis Consortium at BNL

02:15 Ralph Nuzzo (Univ. Illinois at Urbana-Champaign) tbd

02:45 Coffee Break

03:00 Sean McSweeney (BNL) tbd

03:30 Steve Almo (Albert Einstein College of Medicine) tbd

04:00 NSLS II visit and tour

07:00 Dinner – on own – Desmond Restaurant– East Wind Inn and Spa

Wednesday, June 14th

Session IV Breakout Sessions

09:00am	Nanomaterials for sensors, filtration and decontamination materials
09:00	Structural Biology
10:30	Coffee Break
10:30-1pm	Management breakout session and executive lunch – Room 201, Building 555
11:00	Draft Report writing by breakout session leaders
12:00pm	Lunch on own at Berkner Hall

Session V Breakout session summary to the workshop

01:00	Breakout closeout presentations (discussion leaders)
02:00	Adjourn